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1U 17”/19” Rackmount LCD Console – USB – Value Series

RACKCONV1701
RACKCONV1901

*actual product may vary from photos

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FCC Compliance Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

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Introduction

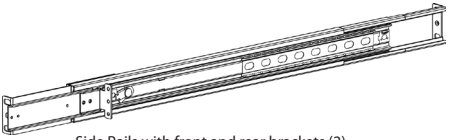
Packaging Contents

- 1U LCD Rack Console Drawer
- VGA cable
- USB cable
- Mounting Rails - Set
- Power Adapter
- Power Cord

Installation

Hardware Installation

Hardware Kit Contents



Side Rails with front and rear brackets (2)

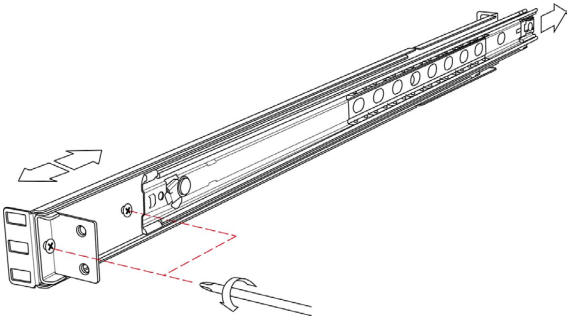
Screw kit

(Used to attach Rail Mount to Console body)

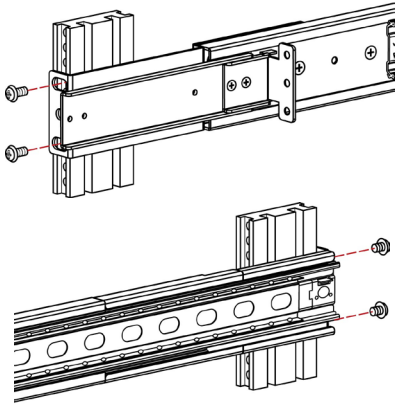
- Please check that all packaging contents are present before installation. Make sure that nothing was damaged and/or lost during shipping process. If you encounter any problem, please contact your dealer.
- Before installation, make sure all peripherals and computer have been turned off.
- The cabinet depth range must be in 508 ~ 809 mm.

Mounting the console

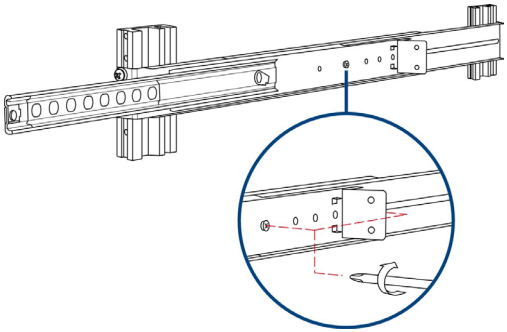
1. Adjust the sliding rail until the screw underneath is visible. Loosen (do not release) the two rear screws then adjust the rear bracket to fit the depth of your rack:



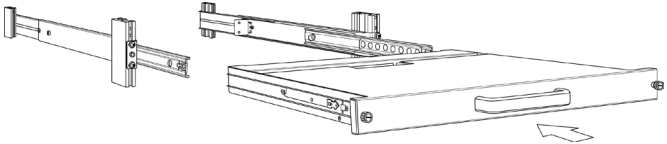
2. Install the rail into the rack by attaching them to the front/rear posts using the appropriate screws and nuts for your rack (not included):



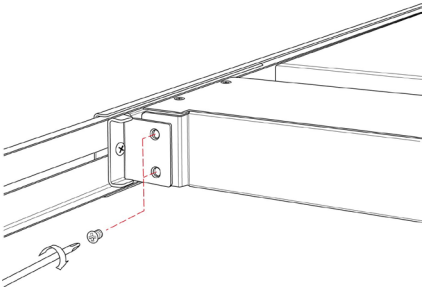
3. Tighten the rear screws that were loosened in Step 1:



4. Install the remaining rail, repeating Steps 1-3.
5. Gently, but firmly insert the console into the left and right rails:



6. Install two screws on each side of the rear console:



7. Installation is now complete.

How to Use

Connecting the Console

To connect the LCD console to a computer, perform the following steps:

1. Turn off your computer.
2. Connect the VGA video cable from the VGA output on the computer system to the VGA port on the rear of the rack console.
3. Identify and connect the USB connector on the rear of the rack console to a USB port on the computer system.
4. Connect the AC power cord to the power inlet on the console. Connect the remaining end of the AC power cord to an available power outlet.

Turning on the Console

Make sure all cables and the power adapter are connected properly. Be sure to tighten all connector screws. Grab the front handle and pull the console all the way out then lift the panel up. The power LED underneath the LCD monitor will be green light.

Configuring Display Settings

After connecting the rack console and turning on your computer, you may need to configure one or more of the following display settings to allow the computer to display at the console's native resolution. See Specifications for the correct resolution mode for your model.

- Display mode (also called desktop area or video resolution)
- Refresh rate (also called vertical scan rate or vertical sync)
- Color depth (also called color palette or number of colors)

Each video card has several controls that allow you to adjust the display settings, however, the software and driver for each video card is unique. In most cases, you can adjust these settings using a program or utility provided by the manufacturer of the video card. Most video cards use the Windows Display Properties control panel to configure the display. To open the Windows Display Properties, click the right mouse button in a blank area of the Windows desktop and then select Properties. The Settings tab usually lets you change the Color Palette and the Desktop Area (X by Y pixel resolution).

Some video cards integrate additional features into the Windows Display Properties control panel giving you an extra setup options that are flexible and easy to use. Forexample, the control panel may include an Advanced Properties button, an Adjustment tab, or a Refresh tab for changing other settings. Other video cards have a separate utility for setting display properties.

Whenever you change the resolution, color, or refresh rate, the image size, position, or shape may change. This behavior is normal.You can readjust the image using the monitor on-screen controls. For more information on the monitor on-screen controls, refer to Panel controls and OSD functions. For more information on configuring the display settings, please refer to the manual that accompanied your video card.

Testing the Console

To test that the console is working properly, perform the following steps:

1. Power up the rack console, and then turn on your computer.
2. Make sure the video image is centered within the screen area. Use the OSD controls to adjust the image (see Panel controls and OSD functions) or press the Auto button on the right hand side of the monitor.

Note: If the unit does not power up when the panel is pulled up, try pushing the soft power on/off button on the right side of the monitor panel to power up the unit.

Note: You can adjust the horizontal and vertical position, contrast, and brightness to better suit your video card and your personal preference.

Before you begin, make sure that power to all of the devices you will be connecting to the console have been turned off. To prevent damage to your installation due to ground potential difference, make sure that all of the devices being installed are properly grounded. Once all peripherals have been connected, please power them on.

Panel Controls and OSD Functions

The following controls are located on the left side of the the console monitor:

Controls	Descriptions
⏻	Soft power on/off. Adjacent LED is lit when on.
Auto	Auto-synchronize and scale down display to any valid factory preset timings.
Up	Press to scroll to the function you want to adjust.
Down	Press to scroll to the function you want to adjust.
Menu	To access the main menu. This button also acts as the Enter button.

Auto tune

Press the "Auto tune" button. The panel will adjust the display size automatically and also tune the panel to its optimized state.

Brightness

1. Press the Menu button.
2. Use the Down and Up buttons to scroll to Brightness.
3. Press the Menu button to enter.
4. Use the Down and Up buttons to adjust the brightness of the display.
5. Press the Menu button to save your selection.

Contrast

1. Press the Menu button.
2. Use the Down and Up buttons to scroll to Contrast.
3. Press the Menu button to enter.
4. Use the Down and Up buttons to adjust the contrast of the display.
5. Press the Menu button to save your selection.

Color

1. Press the Menu button.
2. Use the Down and Up button to scroll.
3. Highlight Color, and press the Menu button to enter, which will launch the following screen:

Icon	Description
9300°K	To set CIE coordinates at 9300°K color
7500°K	To set CIE coordinates at 7500°K color
6500°K	To set CIE coordinates at 6500°K color
User	To set user defined CIE
Auto color	To automatically adjust color
Return	To exit and return to the previous page

4. Use the Down and Up buttons to adjust the contrast of the display.
5. Press the Menu button to save your selection.

Position

1. Press the Menu button.
2. Use the Down and Up buttons to scroll.
3. Highlight Position and press the Menu button to enter, which will launch the following screen:

Icon	Description
Image Pos	To adjust the position of the image
OSD Pos	To adjust the position of the OSD
Return	To exit and return to the previous page

4. Use the Down and Up buttons to scroll.
5. Press the Menu button to save your selection.

Language

1. Press the Menu button.
2. Use the Down and Up buttons to scroll.
3. Highlight Language, and press the Menu button to select, which will launch the following screen:

4. Use the Down and Up buttons to scroll, and highlight the preferred language.
5. Press the Menu button to save your selection.

Recall

1. Press the Menu button.
2. Use the Down and Up buttons to scroll to Recall. Press the Menu button to enter, where you will be able to select Yes/No using the Down and Up buttons. Once you have done so, press the Menu button. Note: selecting Yes will return your settings to the factory default state. Select No if you do not wish to make this change.

Exit

To exit the menu, scroll to Exit and press the Menu button.

Power Indicator

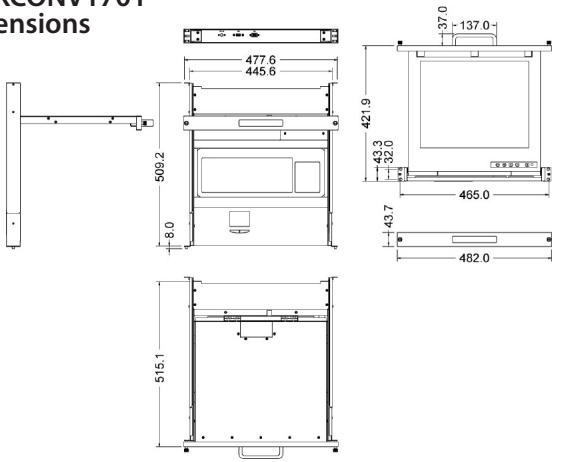
Light Color	Status
Green	ON
RED	Standby
RED	Suspend
RED	OFF

Specifications

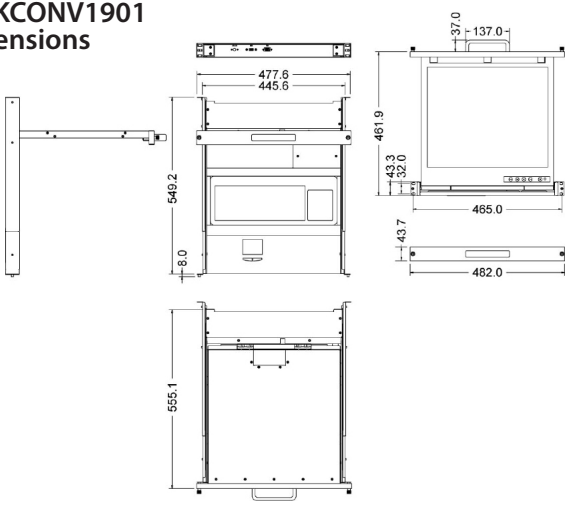
	RACKCONV1701	RACKCONV1901
Display Size	17″	19″
Panel Type	Active Matrix TFT LCD	
Resolution Capabilities	1280x1024 @ 60Hz (max.)	
Back Light	four lamps	
Supported Colors	16.7M Colors (6-bit with FRC)	
Response Time	Rising Time: 2ms Decay Time: 14ms	Rising Time: 2ms Decay Time: 10ms
System Cables	VGA cable (male/male) USB cable (Type A/A)	
Keyboard / Mouse	105 key USB keyboard with touchpad	
Sync	45~80KHz	
Power Source	100-240 VAC input	
Operating Temperature	0 ~50°C (32°F ~ 122°F)	
Storage Temperature	-20° ~ 60°C (-4°F ~ 140°F)	
Humidity	10% ~ 90% RH	

	RACKCONV1701	RACKCONV1901
Dimension	509.2mm x 477.6mm x 43.7mm (20.1" x 18.8" x 1.7")	549.2mm x 477.6mm x 43.7mm (21.6" x 19.8" x 1.7")
Net Weight	10.4kg (22.9lbs)	11.2kg (24.7lbs)
Chassis Construction	Heavy duty steel	
Regulatory Certification	CE/FCC	

RACKCONV1701 Dimensions



RACKCONV1901 Dimensions



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